

ABSTRACT OF THE DISCLOSURE

A thin film bulk acoustic resonator device is provided for minimizing phase noise by controlling resonance frequency. The thin film bulk acoustic resonator device comprises: a fixed body having a first electrode; a driving body having a second electrode installed to be adjacent to the fixed body and moved toward the fixed body due to voltage applied to the first and second electrodes; and a thin film bulk acoustic resonator for controlling the resonance frequency according to change of stress generated due to the movement of the driving body.